

SUBSTITUTE FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE
(MODIFIED) PATENT AND TRADEMARK OFFICE

Attorney Docket No. 08472/716002
Serial No. 08/989,881
Applicant Jen Sheen
Filing Date December 12, 1997
Group 1649

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT
(Use several sheets if necessary)

37 CFR §1.98(b))

U.S. PATENTS

| Examiner's Initials | Patent Number | Issue Date | Patentee | Class | Subclass | Filing Date (If Appropriate) |
|---------------------|---------------|------------|----------|-------|----------|------------------------------|
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

| | Document Number | Publication Date | Country or Patent Office | Class | Subclass | Translation (Yes/No) |
|--|-----------------|------------------|--------------------------|-------|----------|----------------------|
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PLACE OF PUBLICATION)

| | |
|-----|---|
| 0.2 | Estruch et al., "Cloning and Characterization of a Maize Pollen-Specific Calcium-Dependent Calmodulin-Independent Protein Kinase," Proc. Natl. Acad. Sci. 91:8837-8841 (1994). |
| ↑ | Lin et al., "Molecular Cloning of a Brain-Specific Calcium/Calmodulin-Dependent Protein Kinase," Proc. Natl. Acad. Sci. 84:5962-5966 (1987). |
| ↓ | Valvekens et al., "Agrobacterium Tumefaciens-Mediated Transformation of Arabidopsis Thaliana Root Explants by Using Kanamycin Selection," Proc. Natl. Acad. Sci. 85:5536-5540 (1988). |
| | |
| | |

EXAMINER



DATE CONSIDERED

9-28-99

EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with the next communication to applicant.

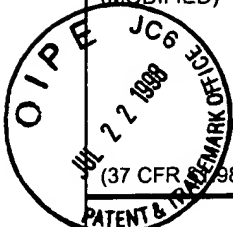

RECEIVED
JUN 30 1998
GROUP 1800

| | | | | | | |
|--|--|---|--------------------------|-------|----------|------------------------------|
| SUBSTITUTE FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (MODIFIED) PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (See several sheets if necessary) (37 CFR §1.984) | | Attorney Docket No. 08472/716002 Serial No. 08/989,881 Applicant Jen Sheen Filing Date December 12, 1997 Group 1649 | | | | |
| U.S. PATENTS | | | | | | |
| Examiner's Initials | Patent Number | Issue Date | Patentee | Class | Subclass | Filing Date (If Appropriate) |
| | | | | | | |
| | | | | | | |
| FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION | | | | | | |
| | Document Number | Publication Date | Country or Patent Office | Class | Subclass | Translation (Yes/No) |
| | | | | | | |
| | | | | | | |
| OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PLACE OF PUBLICATION) | | | | | | |
| 0.2 | Bohnert et al., "Adaptations to Environmental Stresses," The Plant Cell 7:1099-1111 (1995). | | | | | |
| ↑ | Bray, Elizabeth A., "Molecular Responses to Water Deficit," Plant Physiol. 103:1035-1040 (1993). | | | | | |
| | Daugherty et al., "Arabidopsis thaliana as a Model for Studying Mechanisms of Plant Cold Tolerance," J. Biol. Chem. 267:8707-8710 (1994). | | | | | |
| | Holstrom et al., "Drought Tolerance in Tobacco," Nature 379:683-684 (1996). | | | | | |
| | Ingram et al., "The Molecular Basis of Dehydration Tolerance in Plants," Annu. Rev. Plant Physiol. Plant Mol. Biol. 47:377-403 (1996). | | | | | |
| | Kapiloff et al., "Calcium Calmodulin-Dependent Protein Kinase Mediates a Pathway for Transcriptional Regulation," Proc. Natl. Acad. Sci. U.S.A. 88:3710-3714 (1991). | | | | | |
| | Lillius et al., "Enhanced NaCl Stress Tolerance in Transgenic Tobacco Expressing Bacterial Choline Dehydrogenase," Bio/Technology 14:177-180 (1996). | | | | | |
| ↓ | Lin et al., "Molecular Cloning of a Brain-Specific Calcium/Calmodulin-Dependent Protein Kinase," Proc. Natl. Acad. Sci. USA 84:5962-5966 (1987). | | | | | |
| EXAMINER | Overs Kluft | | DATE CONSIDERED 9/25/99 | | | |
| EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with the next communication to applicant. | | | | | | |

RECEIVED
 DEC 30 1998
 MATRIX CUSTOMER
 SERVICE CENTER

RECEIVED
 DEC 07 1998
 MATRIX CUSTOMER
 SERVICE CENTER

RECEIVED
 JUL 27 1998
 MATRIX CUSTOMER
 SERVICE CENTER

| | | | | | |
|--|---|--|--------------------------|----------------------------------|------------------------------|
| SUBSTITUTE FORM PTO-1449 (MODIFIED) | | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | | Attorney Docket No. 08472/716002 | |
|  <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)</p> | | Serial No. 08/989,881 | | | |
| | | Applicant Jen Sheen | | | |
| | | Filing Date December 12, 1997 | | | |
| | | Group 1649 | | | |
| U.S. PATENTS | | | | | |
| Examiner's Initials | Patent Number | Issue Date | Patentee | Class | Filing Date (If Appropriate) |
| | | | | | |
| | | | | | |
| FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION | | | | | |
| | Document Number | Publication Date | Country or Patent Office | Class | Translation (Yes/No) |
| | | | | | |
| | | | | | |
| OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PLACE OF PUBLICATION) | | | | | |
| | Murata et al., "Genetically Engineered Alteration in the Chilling Sensitivity of Plants," Nature 356:710-712 (1992). | | | | |
| | Shen et al., "Modular Nature of Absciscic Acid (ABA) Response Complexes: Composite Promoter Units That Are Necessary and Sufficient for ABA Induction of Gene Expression in Barley," The Plant Cell 8:1107-1119 (1996). | | | | |
| | Skriver et al., "Gene Expression in Response to Absciscic Acid and Osmotic Stress," The Plant Cell 2:503-512 (1990). | | | | |
| | Tarczynski et al. "Expression of a Bacterial <i>mld</i> Gene in Transgenic Tobacco Leads Production and Accumulation of Mannitol," Proc. Natl. Acad. Sci. USA 89:2600-2604 (1992). | | | | |
| | Tarczynski et al., "Stress Protection of Transgenic Tobacco by Production of the Osmolyte Mannitol," Science 259:508-510 (1993). | | | | |
| | Tomos, D., "Life Without Water," Current Biology 2:594-596 (1992). | | | | |
| | Urao et al., "Two genes That Encode Ca ²⁺ Dependent Protein Kinases Are Induced by Drought and High-Salt Stresses in <i>Arabidopsis thaliana</i> ," Mol. Gen. Genet. 244:331-340 (1994). | | | | |
| | Xu et al., "Expression of a Late Embryogenesis Abundant Protein Gene, <i>HVA1</i> , from Barley Confers Tolerance to Water Deficit and Salt Stress in Transgenic Rice," Plant Physiol. 110:249-257 (1996). | | | | |
| EXAMINER |  | | | DATE CONSIDERED | 10/1/99 |
| EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with the next communication to applicant. | | | | | |

RECEIVED

JUL 27 1998

VICE CENTER

RECEIVED

DEC 30 1998

MAIN PATENT SERVICE CENTER
Revised: 27 January 1997

08472.716002 IDS July 1998.wpd

08472.716002 IDS July 1998.wpd